

09889515

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NEWS 4 Apr 09 EDB will be removed from STN  
NEWS 5 Apr 19 US Patent Applications available in IFICDB, IFIPAT, and IFIUDB  
NEWS 6 Apr 22 Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS  
NEWS 7 Apr 22 BIOSIS Gene Names now available in TOXCENTER  
NEWS 8 Apr 22 Federal Research in Progress (FEDRIP) now available  
NEWS 9 Jun 02 New e-mail delivery for search results now available  
NEWS 10 Jun 10 MEDLINE Reload  
NEWS 11 Jun 10 PCTFULL has been reloaded  
NEWS 12 Jul 02 FORGE no longer contains STANDARDS file segment  
NEWS 13 Jul 22 USAN to be reloaded July 28, 2002;  
saved answer sets no longer valid  
NEWS 14 Jul 29 Enhanced polymer searching in REGISTRY  
NEWS 15 Jul 30 NETFIRST to be removed from STN  
NEWS 16 Aug 08 CANCERLIT reload  
NEWS 17 Aug 08 PHARMAMarketLetter(PHARMAML) - new on STN  
NEWS 18 Aug 08 NTIS has been reloaded and enhanced  
NEWS 19 Aug 19 Aquatic Toxicity Information Retrieval (AQUIRE)  
now available on STN  
NEWS 20 Aug 19 IFIPAT, IFICDB, and IFIUDB have been reloaded  
NEWS 21 Aug 19 The MEDLINE file segment of TOXCENTER has been reloaded  
NEWS 22 Aug 26 Sequence searching in REGISTRY enhanced  
NEWS 23 Sep 03 JAPIO has been reloaded and enhanced  
NEWS 24 Sep 16 Experimental properties added to the REGISTRY file  
NEWS 25 Sep 16 CA Section Thesaurus available in CAPLUS and CA  
NEWS 26 Oct 01 CASPEACT Enriched with Reactions from 1907 to 1989  
NEWS 27 Oct 21 EVENTLINE has been reloaded  
NEWS 28 Oct 24 BEILSTEIN adds new search fields  
NEWS 29 Oct 24 Nutraceuticals International (NUTFACUT) now available on STN  
NEWS 30 Oct 25 MEDLINE SUI was updated October 5, 2002  
NEWS 31 Nov 18 DRILIT has been renamed APOLLIT  
NEWS 32 Nov 25 More calculated properties added to REGISTRY  
NEWS 33 Dec 02 TIBKAT will be removed from STN  
NEWS 34 Dec 04 CSA files on STN  
NEWS 35 Dec 17 PCTFULL now covers WI-PCT Applications from 1978 to date  
NEWS 36 Dec 17 TOXCENTER enhanced with additional content  
NEWS 37 Dec 17 TOXCENTER now includes additional content

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ENERGY, INSPEC

NEWS 42 Feb 13 CANCERLIT is no longer being updated  
NEWS 43 Feb 24 METADEX enhancements  
NEWS 44 Feb 24 PCTGEN now available on STN  
NEWS 45 Feb 24 TEMA now available on STN  
NEWS 46 Feb 26 NTIS now allows simultaneous left and right truncation  
NEWS 47 Feb 26 PCTFULL now contains images  
NEWS 48 Mar 04 SDI PACKAGE for monthly delivery of multifile SDI results  
NEWS 49 Mar 19 APOLLIT offering free connect time in April 2003  
NEWS 50 Mar 20 EVENTLINE will be removed from STN  
NEWS 51 Mar 24 PATDPAFULL now available on STN  
NEWS 52 Mar 24 Additional information for trade-named substances without structures available in REGISTRY  
NEWS 53 Mar 24 Indexing from 1957 to 1966 added to records in CA/CAPLUS

NEWS EXPRESS January 6 CURRENT WINDOWS VERSION IS V6.01a,  
CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),  
AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002

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NEWS INTER General Internet Information  
NEWS LOGIN Welcome Banner and News Items  
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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOURS' ENTERED AT 17:14:42 ON 27 MAR 2003

=> FIL REG

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 17:14:50 ON 27 MAR 2003

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DATE/TIME FILE CREATED: 17 MAR 03 HIGHEST EN: 40.4  
DATE/TIME FILE CREATED: 17 MAR 03 HIGHEST EN: 40.4

09889515

conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

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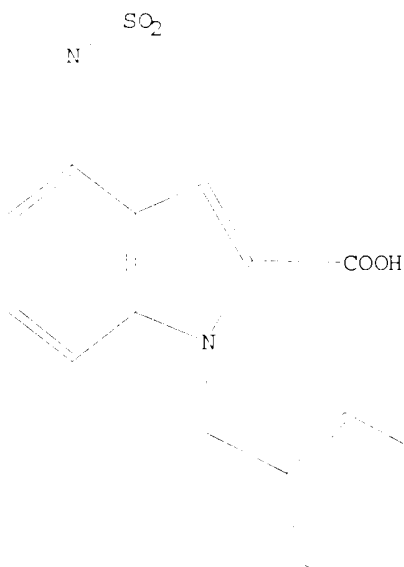
Uploading 09889515.str

L1 STRUCTURE UPLOADED

=> D

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> S L1 SSS SAM

SAMPLE SEARCH INITIATED 17:15:11 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED 5 TO ITERATE

100.0% PROCESSED 5 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

SAM \*\*MULTI\*\*

17:15:11 17:15:11 17:15:11

09889515

=> S L1 FULL

FULL SEARCH INITIATED 17:15:14 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 63 TO ITERATE

100.0% PROCESSED 63 ITERATIONS  
SEARCH TIME: 00.00.01

5 ANSWERS

L3 5 SEA SSS FUL L1

=> FIL CAPLUS

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

148.15

148.36

FILE 'CAPLUS' ENTERED AT 17:15:18 ON 27 MAR 2003  
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FILE COVERS 1907 - 27 Mar 2003 VOL 138 ISS 13  
FILE LAST UPDATED: 26 Mar 2003 (20030326/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> S L3 FULL

L4 1 L3

=> D L4 IBIB ABS HITSTR

L1 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2000:553552 CAPLUS

DOCUMENT NUMBER: 133:164001

TITLE: Preparation of indole 2-carboxylic acids as anti-inflammatory agents

INVENTOR(S): Fauli, Alan Wellington; Fettle, Jason

PATENT ASSIGNEE(S): AstraZeneca UK Limited, UK

SOURCE: PCT Int. Appl., 48 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY AND NEW JOURNALS: 1

1. (US) 6,000,000 A1

09889515

W: AE, AL, AM, AT, AU, AZ, BA, BB, BC, BR, BY, CA, CH, CN, CP, CU,  
CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HP, HU, ID, IL,  
IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA,  
MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI,  
SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM,

FW: GH, GM, KE, LS, MW, SD, SL, SZ, TE, UG, ZW, AT, BE, CH, CY, DE,  
DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,  
CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

EP 1159269	A1	20011205	EP 2000-901255	20000131
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F: AT, BE, CH, DE, DK, ES, FE, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
IE, S., LT, LV, FI, RO

JP 2003502279 T2 20030121 JP 2000-597266 20000131

PRIORITY APPLN. INFO.:

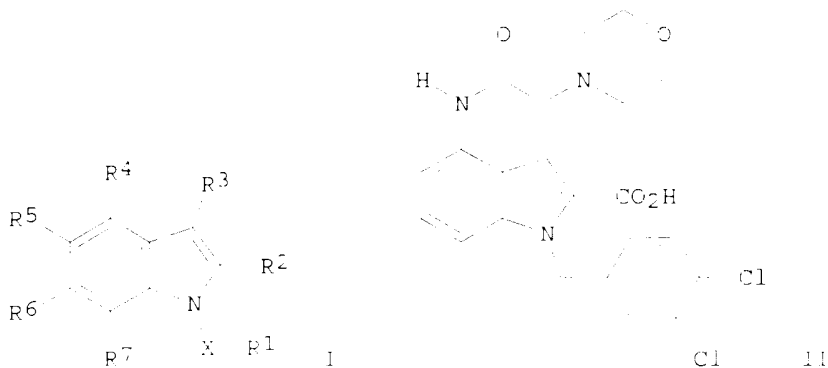
GE 1999-2459                      A 19990205

WD 2000-GB260 W 20000131

OTHER SOURCE(S) :

MARPAT 133:164001

GI



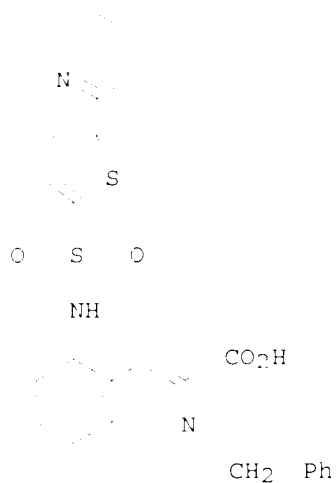
AB The title compds. [I; X = CH<sub>2</sub>, SO<sub>2</sub>; R<sub>1</sub> = (un)substituted aryl, heteroaryl; R<sub>2</sub> = CO<sub>2</sub>H, CH<sub>3</sub>, COCH<sub>2</sub>CH<sub>3</sub>, etc.; R<sub>3</sub> = H, alkyl, alkenyl, etc.; R<sub>4</sub> = NHCOP<sub>15</sub>, NHSO<sub>2</sub>R<sub>15</sub>, OCCNR<sub>16</sub>R<sub>17</sub> (wherein R<sub>15</sub> = (un)substituted alkyl, aryl, heteroaryl; R<sub>16</sub>, R<sub>17</sub> = H, (un)substituted alkyl, aryl, heteroaryl; with the proviso that at least one of R<sub>16</sub> or R<sub>17</sub> is other than hydrogen, or NP<sub>16</sub>R<sub>17</sub> form (un)substituted heterocyclic ring which optionally contains further heteroatoms; R<sub>5</sub>, R<sub>6</sub> = H, a functional group, un-substituted hydrocarbyl, heterocyclyl; and further provided that wher R<sub>4</sub> = NHCOP<sub>15</sub>, R<sub>15</sub> = substituted alkyl, un-substituted aryl, un-substituted heteroaryl], useful in the treatment of disease mediated by monocyte chemoattractant protein 1 or PANTES (Regulated Upon Activation, Normal T cell Expressed and Secreted), such as inflammatory disease, were prepd. and formulated. E.g., a multi-step synthesis of the indole II which showed IC<sub>50</sub> of 1.17  $\mu$ M against hMCP-1 receptor binding, was given.

IT 288067-50-5P 288067-53-8P 288067-54-9P

288067-56-1P 288067-58-3P

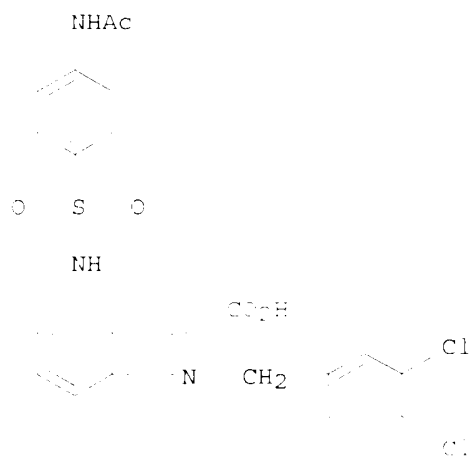
09889515

thienyl)sulfonyl]amino]- (9CI) (CA INDEX NAME)



RN 288067-53-8 CAPLUS

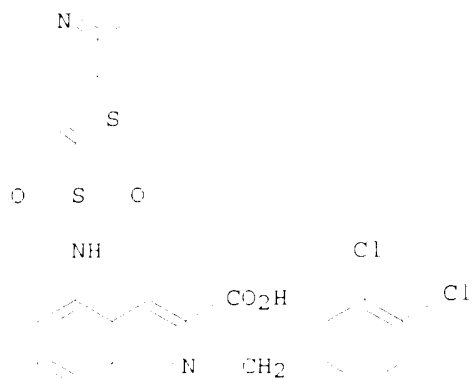
CN 1H-Indole-2-carboxylic acid, 4-[[[4-(acetylamino)phenyl]sulfonyl]amino]-1-[(3,4-dichlorophenyl)methyl]- (9CI) (CA INDEX NAME)



RN 288067-54-9 CAPLUS

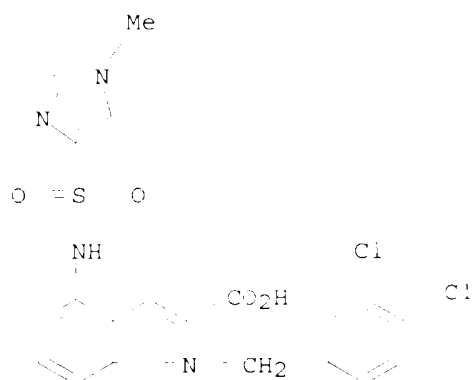
CN 1H-Indole-2-carboxylic acid, 1-[(3,4-dichlorophenyl)methyl]-4-[[[4-(acetylamino)phenyl]sulfonyl]amino]- (9CI) (CA INDEX NAME)

09889515



RN 288067-56-1 CAPLUS

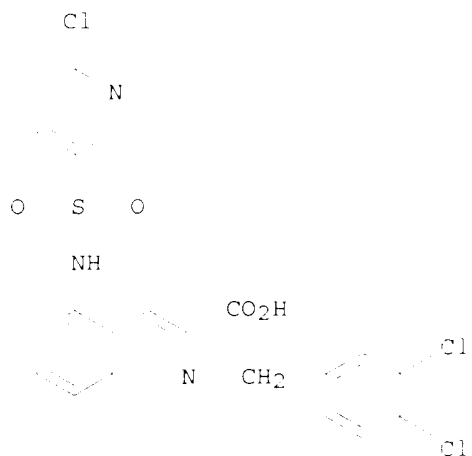
CN 1H-Indole-2-carboxylic acid, 1-[(3,4-dichlorophenyl)methyl] 4-[[[(1-methyl-1H-imidazol-4-yl)sulfonyl]amino] (9CI) (CA INDEX NAME)



RN 288067-58-3 CAPLUS

CN 1H-Indole-2-carboxylic acid, 4-[[[(6-chloro-3-pyridinyl)sulfonyl]amino]-1-[(3,4-dichlorophenyl)methyl]- (9CI) (CA INDEX NAME)

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REFERENCE COUNT:

5

THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS  
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NEWS 37 Dec 17 Anti-Criminal Insight Insight now available on STN

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NEWS 43 Feb 24 METADEX enhancements  
NEWS 44 Feb 24 PCTGEN now available on STN  
NEWS 45 Feb 24 TEMA now available on STN  
NEWS 46 Feb 26 NTIS now allows simultaneous left and right truncation  
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NEWS 48 Mar 04 SDI PACKAGE for monthly delivery of multifile SDI results  
NEWS 49 Mar 19 APOLLIT offering free connect time in April 2003  
NEWS 50 Mar 20 EVENTLINE will be removed from STN  
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CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),  
AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002

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FILE 'HIME' ENTERED AT 13:08:09 ON 28 MAR 2003

=> FIL REG

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 13:08:19 ON 28 MAR 2003

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STRUCTURE FILE CREATED: 27 MAR 2003 HIGHEST #L 100000000  
LATEST NAME FILE UPDATED: 27 MAR 2003 HIGHEST #L 100000000

09889515

conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STN Note 27, Searching Properties in the CAS Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

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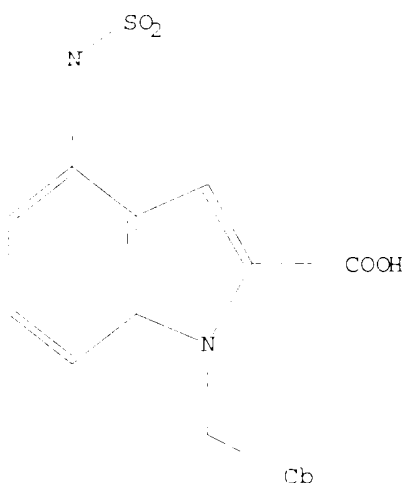
Uploading 09889515b.str

L1 STRUCTURE UPLOADED

=> D

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> S L1 SSS SAM

SAMPLE SEARCH INITIATED 13:08:38 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED 5 TO ITERATE

100.0% PROCESSED 5 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 5 TO 234

PROJECTED ANSWERS: 0 TO 0

L1 @ SEA SSS SAM L1

09889515

SEARCH TIME: 00.00.01

L3                    5 SEA SSS FUL L1

=> FIL CAPLUS

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

148.15

148.36

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FILE COVERS 1907 - 28 Mar 2003 VOL 136 ISS 14

FILE LAST UPDATED: 27 Mar 2003 (20030327/ED)

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=> S L3 FULL

L4                    1 L3

=> D L4 IBIB ABS HOTSTR

'HOTSTR' IS NOT A VALID FORMAT FOR FILE 'CAPLUS'

The following are valid formats:

ABS ----- GI and AB

ALL ----- BIB, AB, IND, RE

APPS ----- AI, PRAI

BIB ----- AN, plus Bibliographic Data and PI table default

CAN ----- List of CA abstract numbers without answer numbers

CBIB ----- AN, plus Compressed Bibliographic Data

DALL ----- ALL, delimited (end of each field identified)

DMAX ----- MAX, delimited for post processing

FAM ----- AN, PI and PRAI in table, plus Patent Family data

FBIB ----- AN, BIB, plus Patent FAM

IND ----- Indexing data

IPC ----- International Patent Classifications

MAY ----- ALL, plus Patent FAM, RE

PATS ----- PI, AI

SEE ----- SEE HELP FILE FOR MORE

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IABS ----- ABS, indented with text labels  
IALL ----- ALL, indented with text labels  
IBIB ----- BIB, indented with text labels  
IMAX ----- MAX, indented with text labels  
ISTD ----- STD, indented with text labels

OBIB ----- AN, plus Bibliographic Data (original)  
OBIBIB ----- OBIB, indented with text labels

SBIB ----- BIB, no citations  
SIBIB ----- IBIB, no citations

HIT ----- Fields containing hit terms  
HITIND ----- IC, ICA, ICI, NCL, CC and index field (ST and IT)  
                  containing hit terms  
HITRN ----- HIT RN and its text modification  
HITSTR ----- HIT RN, its text modification, its CA index name, and  
                  its structure diagram  
HITSEQ ----- HIT RN, its text modification, its CA index name, its  
                  structure diagram, plus NTE and SEQ fields  
FHITSTR ----- First HIT RN, its text modification, its CA index name, and  
                  its structure diagram  
FHITSEQ ----- First HIT RN, its text modification, its CA index name, its  
                  structure diagram, plus NTE and SEQ fields  
KWIC ----- Hit term plus 20 words on either side  
OCC ----- Number of occurrence of hit term and field in which it occurs

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All of the formats (except for SAM, SCAN, HIT, HITIND, HITRN, HITSTR, FHITSTR, HITSEQ, FHITSEQ, KWIC, and OCC) may be used with DISPLAY ACC to view a specified Accession Number.  
ENTER DISPLAY FORMAT (BIB;IALL

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS  
AN 2000:553552 CAPLUS  
TN 133:164001  
TI Preparation of indole 2 carboxylic acids as anti-inflammatory agents  
IN Paull, Alan Wellington; Kettle, Jason  
PA AstraZeneca UK Limited, UK  
SO PCT Int. Appl., 48 pp.  
CODEN: PAXX22  
DT Patent  
LA English  
IC ICM C07D209-42  
ICS C07D409-14; C07D403-12; C07D401-12; A61K031-40  
CC 27-11 (Heterocyclic Compounds (One Hetero Atom))  
Abstracts of US references only  
END

09889515

CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM  
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

EP 1159269 A1 20011205 EP 2000-901255 20000131

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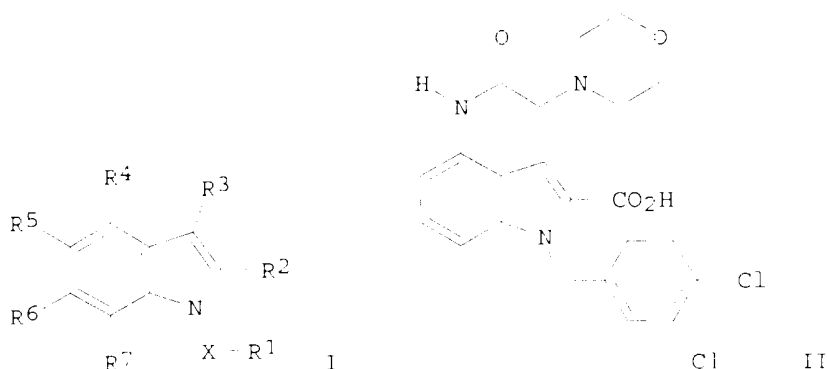
JP 2003502279 T2 20030121 JP 2000-597266 20000131

PRAI GB 1999-2459 A 19990205

WO 2000-GB260 W 20000131

OS MARPAT 133:164001

GI



AB The title compds. [I; X = CH<sub>2</sub>, SO<sub>2</sub>; R<sub>1</sub> = (un)substituted aryl, heteroaryl; R<sub>2</sub> = CO<sub>2</sub>H, CN, COCH<sub>2</sub>OH, etc.; R<sub>3</sub> = H, alkyl, alkenyl, etc.; R<sub>4</sub> = NHCOR<sub>15</sub>, NHCOR<sub>16</sub>, NHCOR<sub>17</sub> wherein R<sub>15</sub> = (un)substituted alkyl, aryl, heteroaryl; R<sub>16</sub>, R<sub>17</sub> = H, (un)substituted alkyl, aryl, heteroaryl; with the proviso that at least one of R<sub>16</sub> or R<sub>17</sub> is other than hydrogen, or NR<sub>16</sub>R<sub>17</sub> form (un)substituted heterocyclic ring which optionally contains further heteroatoms]; P<sub>5</sub>-P<sub>7</sub> = H, a functional group, (un)substituted hydrocarbyl, heterocyclyl; and further provided that when R<sub>4</sub> = NHCOR<sub>15</sub>, R<sub>15</sub> = substituted alkyl, (un)substituted aryl, (un)substituted heteroaryl], useful in the treatment of disease mediated by monocyte chemoattractant protein 1 or PANTES (Regulated Upon Activation, Normal T cell Expressed and Secreted), such as inflammatory disease, were prepd. and formulated. E.g., a multi-step synthesis of the indole II which showed IC<sub>50</sub> of 1.17 μM against hMCP-1 receptor binding, was given.

ST indolecarboxylic acid prepn antiinflammatory monocyte chemoattractant protein PANTES

IT Anti-inflammatory agents

prepn of indole I and indole II as anti-inflammatory agents

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IT 288067-50-5P 288067-51-6P 288067-52-7P 288067-53-8P  
288067-54-9P 288067-55-0P 288067-56-1P 288067-57-2P  
288067-58-3P 288067-59-4P 288067-60-7P 288067-61-8P  
288067-62-9P 288067-63-0P 288067-64-1P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. of indole-2-carboxylic acids as anti-inflammatory agents)

IT 102-47-6, 3,4-Dichlorobenzyl chloride 110-91-8, Morpholine, reactions  
4993-93-5 5680-79-5, Glycine methyl ester hydrochloride 52605-49-9,  
Sarcosine ethyl ester hydrochloride 151858-64-9, 2-(Pyrid-2-yl)thiophene-  
5-sulfonyl chloride 220679-15-2

RL: RCT (Reactant); RACT (Reactant or reagent)

(prepn. of indole-2-carboxylic acids as anti-inflammatory agents)

IT 220677-29-2P 220677-63-4P 288067-65-2P 288067-66-3P 288067-67-4P  
288067-68-5P 288067-69-6P 288067-70-9P 288067-71-0P 288067-72-1P  
288067-73-2P 288067-74-3P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(prepn. of indole-2-carboxylic acids as anti-inflammatory agents)

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD

RE

- (1) Brooks; US 5288743 A 1994 CAPLUS
- (2) Hoechst; WO 9933800 A 1999 CAPLUS
- (3) Merrell Dow Pharmaceuticals; WO 9312780 A 1993 CAPLUS
- (4) Zeneca; WO 9907351 A 1999 CAPLUS
- (5) Zeneca; WO 9907678 A 1999 CAPLUS

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NEWS 6 Apr 22 Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS  
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NEWS 8 Apr 22 Federal Research in Progress (FEDRIP) now available  
NEWS 9 Jun 03 New e-mail delivery for search results now available  
NEWS 10 Jun 10 MEDLINE Reload  
NEWS 11 Jun 10 PCTFULL has been reloaded  
NEWS 12 Jul 02 FOREGE no longer contains STANDARDS file segment  
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saved answer sets no longer valid  
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now available on STN  
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NEWS 21 Aug 19 The MEDLINE file segment of TOXCENTER has been reloaded  
NEWS 22 Aug 26 Sequence searching in REGISTRY enhanced  
NEWS 23 Sep 03 JAPIO has been reloaded and enhanced  
NEWS 24 Sep 16 Experimental properties added to the REGISTRY file  
NEWS 25 Sep 16 CA Section Thesaurus available in CAPLUS and CA  
NEWS 26 Oct 01 CASREACT Enriched with Reactions from 1907 to 1985  
NEWS 27 Oct 21 EVENTLINE has been reloaded  
NEWS 28 Oct 24 BEILSTEIN adds new search fields  
NEWS 29 Oct 24 Nutraceuticals International (NUTRACEUT) now available on STN  
NEWS 30 Oct 28 MEDLINE SDI run of October 8, 2002  
NEWS 31 Nov 18 DKILIT has been renamed APOLLIT  
NEWS 32 Nov 25 More calculated properties added to REGISTRY  
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NEWS 34 Dec 04 CSA files on STN  
NEWS 35 Dec 17 PCTFULL now covers WP/PCT Applications from 1978 to date  
NEWS 36 Dec 17 TOXCENTER enhanced with additional content  
NEWS 37 Dec 17 Atlas Clinical Trials Insight now available on STN



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NEWS 42 Jan 29 Simultaneous left and right truncation added to COMPENDEX,  
ENERGY, INSPEC

NEWS 43 Feb 13 CANCERLIT is no longer being updated

NEWS EXPRESS January 6 CURRENT WINDOWS VERSION IS V6.01a,  
CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),  
AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002

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FILE 'HOME' ENTERED AT 21:11:46 ON 14 FEB 2003

=> fil reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

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STRUCTURE FILE UPDATES: 13 FEB 2003 HIGHEST FN 490012-70-9

DICTIONARY FILE UPDATES: 13 FEB 2003 HIGHEST FN 490012-70-9

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP  
PROPERTIES for more information. See STNote 27, Searching Properties  
in the CAS Registry File, for complete details:

<http://www.cas.org/CNLINE/STN/STNOTES/stnotes27.pdf>

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=> d

L1 HAS NO ANSWERS

L1 STR

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam

SAMPLE SEARCH INITIATED 21:12:14 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 19 TO ITERATE

100.0% PROCESSED 19 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 119 TO 641

PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s l1 full

FULL SEARCH INITIATED 21:12:18 FILE 'REGISTRY'

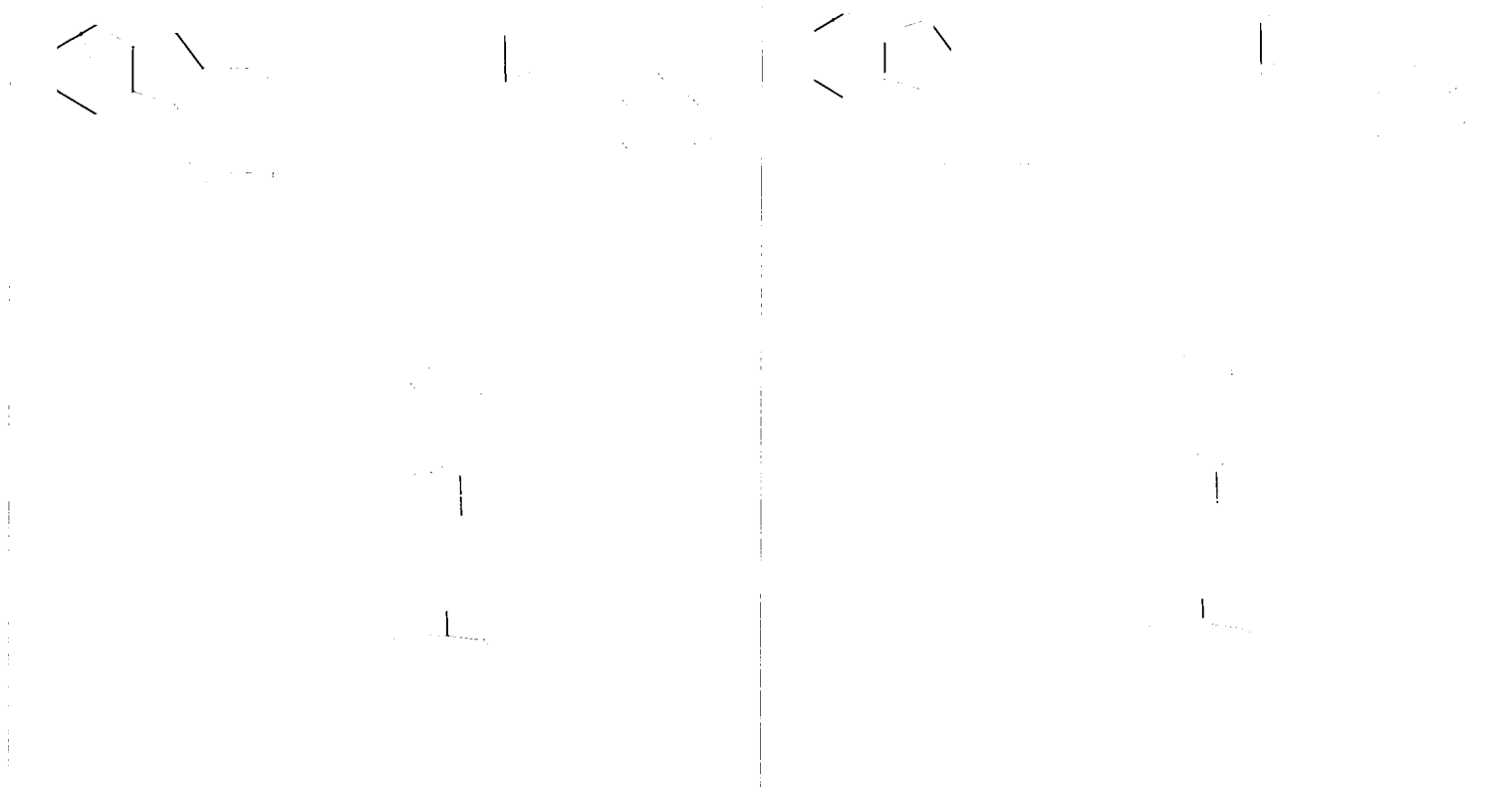
FULL SCREEN SEARCH COMPLETED - 393 TO ITERATE

100.0% PROCESSED 393 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

L3 0 SEA SSS FUL L1



```

chain nodes :
 10 11 12 13 14 23 24 25 26 27 28 29 30 31 37
ring nodes :
 1 2 3 4 5 6 7 8 9 15 16 17 18 19
chain bonds :
 8-12 9-10 10-11 13-14 23-24 25-26 26-27 28-29 29-30 29-31
ring bonds :
 1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9 15-16 15-19 16-17 17-18 18-19
exact/norm bonds :
 6-9 8-9 8-12 9-10 13-14 15-16 15-19 16-17 17-18 18-19 23-24 25-26 26-27
 28-29 29-30 29-31
exact bonds :
 5-7 7-8 10-11
normalized bonds :
 1-2 1-6 2-3 3-4 4-5 5-6
isolated ring systems :
  containing 1 :

```

G1:SO2,OS03H,CN,[\*1],[\*2]

G2:[\*3],[\*4],[\*5]

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS 11:Atom